

Chapter 9 - Quadratics - Day 5

Date _____

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Solve each equation by taking square roots.

1) $a^2 = 36$

2) $x^2 = 25$

3) $k^2 = 64$

4) $p^2 = 100$

5) $36x^2 = 1$

6) $p^2 + 1 = 17$

Solve each equation by factoring.

7) $-3x = -x^2$

8) $a^2 - 12a = -35$

9) $15 + 8k = -k^2$

10) $0 = 8x - x^2$

11) $6x^2 + 9x - 14 = 1 + 5x^2 + 7x$

12) $r^2 + 4r - 2 = 5r$

13) $n^2 + 13n + 8 = 4n$

14) $6b^2 + 12b - 10 = 8b - 5 + 5b^2$